

ABSTRACT OF THE DISCLOSURE

A projection device is provided wherein white light emitted from a light source system is split in different colors and transmitted to respective light valves. The light source system includes a plurality of light sources, and a plurality of curved light reflectors and optical components for collecting the light rays from the light sources and creating substantially collimated light beams. A single collimated beam corresponds to a single light source. The light source system also includes dividing elements for dissecting the collimated beams into smaller collimated light bundles which interlace the light bundles from the light sources into one light beam. The resulting interlaced light beam propagates in a substantially collimated or parallel state.